

YOU KNOW
WHY
TO MOVE TO CLOUD

BULL TELLS YOU
HOW

1 → Body 0.625
 → Size 1.8625
 → height 1.4
 → XUS210S

① Draw Data table
 ② Identify the variable

$2H_2O(l)$
 $2AE$
 $2O$
 $DCB=2A$

$M_2(g) : N=N$
 $\rightarrow Al_2O_3(s) + 3SO_3(g)$

Amount (mol) = molar mass / mass (g)
 ① Label the column on the left as variable
 ② Label the column on the right as president
 ③ Include column to record orange / DV

Hex 622
 $rate = \frac{1}{t} \times \frac{\Delta(mol/mg)}{\Delta t}$
 $[OH^-] = [H_3O^+]$
 $2H_2O(l) \rightleftharpoons [H_3O^+]$
 $= (1.00 \times 10^{-1})$
 $\times 10^{-14} [H_3O^+] = 3.00 \times 10^{-5} Mg_2 + 2e^-$
 $\rightarrow P_2O_{10}(s) Pb(s) +$

Services Catalogue
 M T
 A A A A
 A B A X
 A C A X X
 C C C B X
 A A A B
 A C C A
 A B A C C

hotSpots
 CAL1 20% 0.5
 SIL4 14% 0.7
 IR6 6% 1.1

CALCULATE ANGLE
 Body 0.62562562

Instant Architecture

SECURED CYBERSPACE
KEEP CONTROL

4.00
 110A
 100010001000100
 10010001000100
 6FX2 01001000100

43 | 1000
 71 | 2651
 13 | 8432
 32 | 7719
 97 | 6132
 4 | 4329
 55 | 3978
 10 | 2240
 55 | 5551
 72 | 8105
 84 | 4232
 52 | 6105
 31 | 7210
 71 | 321
 15 | 54
 45 | 34

N 6-2
 23 | 09 | 3,4 | 5,9
 57 | 44 | 1,7 | 6,2
 38 | 71 | 5,4 | 3,2
 91 | 62 | 1,8 | 4,3
 29 | 35 | 4,2 | 3,1
 15 | 42 | 9,3 | 3,2
 45 | 54 | 3,2 | 2,1
 1,3 | 3,2 | 4,2

AC97V 1024x64 → height 18
 ✓ TX enable



THE STRUCTURED CLOUD

➡ BULL'S POINT OF VIEW

To make sure that the Cloud is a positive **driver for value creation** – rather than adding complexity, tensions or insecurity – IT Departments have to get ready to welcome it. That involves **instigating, structuring, planning** and **securing** an enterprise Cloud transformation project, to gradually raise service levels and cut costs, step by step.

➡ METHODOLOGY BY BULL

Bull has a dedicated team of consultants specializing in IT transformation. They help their customers to **assess the complexity of their information systems and the maturity of their organization**. And then help them in their role as a provider of shared infrastructure services by:

- choosing the services best suited to the needs of the business
- optimizing demand and capacity management
- Implementing detailed financial management.

➡ SOLUTIONS BY BULL

Bull Advisory Services uses a methodology based on industry standards such as CobiT, ITIL and eSCM:

- audits and analyses (maturity, quick wins, specifications for optimization and transformation solutions)
- analysis of key infrastructure elements (Vision)
- services matrix and catalogue
- reference architecture
- evaluation of ROI.



THE AGILE CLOUD

➡ BULL'S POINT OF VIEW

To become part of the age of industrial-scale, instantly adaptable and business-oriented IT, the cloud needs **a flexible and scalable technological platform**: one that contributes to simplification and can support different types of architectures on heterogeneous technologies. Only under these conditions can infrastructures offer **the highest levels of security and service** for critical applications.

➡ METHODOLOGY BY BULL

Bull has the hardware and software expertise to build the secure, dynamic, automated private cloud infrastructures that are designed to support **new service delivery models**. Its offerings use its own enterprise-class servers, enriched with powerful administration software and specifically designed for the virtualization of the most critical applications.

➡ SOLUTIONS BY BULL

- **bullion™ cloud platform**: puts simplicity and security at the heart of private clouds, guarantees the highest levels of services while delivering improved TCO, thanks to its modular Intel® Xeon® processors
- **escala®**: benefitting from all the power and flexibility of POWER/AIX™ servers, with access to an unrivalled choice of services and solutions
- **storeway™**: a whole new way of looking at storage, organized into modular classes of services based on scalable reference architectures.



THE SECURE CLOUD

➔ BULL'S POINT OF VIEW

Whatever the cloud environment – public, private or hybrid – information is still organizations' most important asset, and protecting it is a vital issue. So **security is a central concern**, whether it is approached globally – data protection, access control, vulnerability management, service availability – or in response to specific organizational, business, operational, geographic or regulatory questions.

➔ METHODOLOGY BY BULL

With over 1,000 experts designing, developing and integrating solutions carefully tuned to the nature and scale of the risks involved, Bull addresses the need for IT security that is both highly specific and viewed globally. Bull works **across the entire high-security spectrum**, on made-to-measure projects, drawing on the best in civil and military technologies.

➔ SOLUTIONS BY BULL

- cloud consultancy and risk management
- definition of security architectures
- identity and access management solutions, addressing the different levels of convergence and traceability needed for private and hybrid cloud infrastructures
- high-security solutions to protect sensitive networks and all their access points
- data leak monitoring, taking account of local legislation
- technical audits and intrusion tests
- crisis management
- perimeter security and security of 'on-demand' resources.



THE CONTROLLED CLOUD

➔ BULL'S POINT OF VIEW

In a services-oriented organization, new rules are being written to cover the offering, billing, instantiation and supervision of services, resource provisioning and process automation. Defined by SLAs, measured and audited, service levels are at the heart of a new form of governance, aimed at **guaranteeing totally transparent management of the cloud**.

➔ METHODOLOGY BY BULL

Bull is a trusted partner when it comes to **hosting and supervising** private clouds and offering **innovative, sector-specific solutions** from public to scientific clouds. As an outsourcing supplier for large-scale critical information systems, Bull can call on its extremely secure network of data centers across Europe to deliver the highest levels of service, as well as on its in-depth knowledge of the governance of outsourced services.

➔ SOLUTIONS BY BULL

- **managed private cloud**: hosting and operation on virtual private or physically dedicated infrastructures for business applications, major development or testing environments
- **managed private cloud for e-business** (PaaS offerings)
- **extreme factory**: a public cloud offering providing on-demand compute capabilities for High-Performance Computing (HPC) applications
- **cloud Maker**: a public cloud solution for SMEs looking for rapid access to infrastructure resources.

WHY CHOOSE BULL?

"Le cloud by Bull" will ensure that you move flexibly towards secure, made-to-measure enterprise cloud computing.

The cloud offers unprecedented advantages in terms of **cost saving** and **flexibility**, and it will revolutionize the way that computing is consumed. But there are still many unanswered questions, not least in terms of **reliability** and **governance**.

At Bull, we are convinced that only a secure, bespoke cloud can deliver on all its promises.

Even if the cloud is the standard of tomorrow, the move towards the cloud cannot be standardized.

That is why we have developed a professional approach to help you on the way to **your own** cloud: a **scalable** cloud built on **your existing assets**; a **secure** cloud, over which you retain total control, no matter what level of maturity your IT has reached.

Backed by our solid experience in **transforming** IT infrastructures and our ability to supply the very best technologies, Bull is the ideal strategic partner for organizations who want to move to the cloud while still keeping **full control**.



Architect of an Open World™